satisfies display requirements of demanding users

When you demand more than basics: Outstanding, reliable display, productivity enhancing ergonomics plus SmartManage for remote, LAN-based monitor management and low power consumption make the Philips 170B5 the right business choice.

Outstanding front of screen performance
- Zero Bright Dot™ eliminates LCD bright dot defects
- Fast response time capable of handling fast moving pictures
- SXGA 1280 x 1024 resolution for sharper display
- Dual Input accepts both analog VGA and digital DVI signals
- sRGB ensures color matching between display and printouts

Maximum comfort for maximum productivity
- Audio speakers built into a display device without clutter
- Screen height adjustable for ideal viewing angle
- Screen tilt and swivel adjustment for ideal viewing angle
- Cable management for a tidy work space

Best total cost of ownership solution
- SmartManage manages display devices remotely
- Lower power consumption than industry average
- Kensington anti-theft lock secures monitor against theft

Great convenience
- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display
- FlexiHolder to hold notes, cards, and photos

PHILIPS

17 inch LCD Monitor

Commercial Specifications

Picture/ Display

• LCD Panel Type	1280 x 1024 pixels, Anti-glare Polarizer, RGB Vertical Stripe
• Panel Size	17"/ 43 cm
• Effective Viewing Area	337.9 x 270.3 mm
• Pixel Pitch	0.264 x 0.264 mm
• Brightness (nits)	250
• Contrast Ratio	450:1
• Display Colors	16 M
• Viewing Angle (C/R > 5)	- Horizontal : 160° - Vertical : 140°
• Response Time	16 ms
• White Chromaticity, 6500° K	x = 0.313 / y = 0.329
• White Chromaticity, 9300° K	x = 0.283 / y = 0.297
• Maximum Resolution	1280 x 1024 @ 75Hz
• Recommended Resolution	1280 x 1024 @ 60Hz
• Factory Preset Modes	15 modes
• User Definable Modes	16 modes
• Horizontal Scanning Frequency	30 - 82 KHz
• Refresh Rate (V)	56 - 76 Hz
• sRGB	Yes

Connectivity

• Signal Input	Analog (VGA), DVI-D, PC Audio in
• I/O interface on pad	Headphone Jack

Convenience

• Built-in Audio	2 W RMS x 2 Stereo Speakers
• Convenience Enhancements	On-screen Display, SmartManage
• Monitor Controls	Auto, Brightness control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
• OSD Languages	English, French, German, Italian, Simplified Chinese, Spanish
• Other Convenience Features	Kensington Lock
• Plug & Play Compatibility	DDC/CI, sRGB, Windows 98/ME/2000/XP
• Regulatory Approvals	CE Mark, E2000, EMC, FCC-B, UL, CSA, MPR-II, Low Emission, NUTEK, Energy Star, SEMKO, TCO'03, TCO '99, TUV/GS, TUV Ergo
• Swivel	+/- 125°
• Tilt	-5° to 25°
• VESA Mount	100 mm x 100 mm

Accessories

• User Manual	Yes
• Included Accessories	AC Power Cord, Audio Cable, VGA Cable

Dimensions

• Depth (with base)	210 mm
• Height (with base)	431 mm
• Width (with base)	375 mm
• Height Adjustment Range	70 mm
• MTBF	50,000 (excl. CCFL 40,000) hrs
• Relative Humidity	20 % - 80 %
• Temperature Range (Operation)	5°C to 40°C
• Temperature Range (Storage)	-20°C to 60°C
• Weight	5.4 kg

Power

• Complies With	E2000, Energy Star, NUTEK
• Consumption	33 W (Typical)
• Off Mode	< 1 W
• Power LED Indicator	Operation, Green; Stand by/Sleep, Amber
• Power Supply	Built-in

Product Highlights

Zero Bright Dot™
Bright dots are defects in a LCD panel once thought to be an inevitable part of the manufacturing process. With Zero Bright Dot™, Philips monitors are guaranteed without dot defects.

Fast response time
The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and therefore results in fewer visible image artifacts.

SXGA, 1280 x 1024 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

Dual Input
Connectors to accommodate input of both analog VGA and digital DVI signals.

sRGB ready
Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Built-in Speakers
Audio speakers built into a display device.

Adjustable height
The ability to set your monitor to the most pleasurable viewing height. Height adjustment makes computer work more comfortable and reduces fatigue or eyestrain, even when you spend long hours working on the computer. It makes you more productive.

Screen tilt and swivel
Movement of a screen to attain the ideal viewing angle.

Cable management
A system for organizing cables and wires required for the operation of a display device to have a tidy work space.

SmartManage
A system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties all accomplished over a LAN.

Lower power consumption
Reduction of the electrical power required to operate a device.

Kensington anti-theft lock
A security device that fixes the monitor in place to prevent theft.

Embedded power supply
A power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes
A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

FlexiHolder
A slim groove that improves efficiency by holding reminder notes, documents, name cards, and photos on the top of monitor to be more efficient.

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design award winner 2004

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Release date: June 2004
www.philips.com